

WHAT IS CLAIMED IS:

1. A particle for a display device having a positively or negatively chargeable property and a color, the particle for a display device comprising nitrogen atoms in an amount of 0.03 mmol/g to 0.2 mmol/g.

2. A particle for a display device according to claim 1, comprising nitrogen atoms in an amount of 0.05 mmol/g to 0.1 mmol/g.

3. A particle for a display device according to claim 1, wherein the nitrogen atoms take a bond formation enabling reduction in aggregation between particles and reduction in peeling of a particle from a substrate.

4. A particle for a display device according to claim 3, wherein the nitrogen atoms take any of the bond formations of primary to tertiary amines.

5. A particle for a display device according to claim 1, wherein the nitrogen atoms take a bond formation serving as a starting point in positive charging.

6. A particle for a display device according to claim 1, made

from at least a colorant, a resin and a nitrogen atom-containing compound.

7. An image display medium comprising: a pair of substrates facing each other; and a particle group composed of at least 2 or more types of particles sealed in a clearance between the pair of substrates, at least one type of the two or more types of particles having a positively chargeable property, at least another type of the two or more types of particles having a negatively chargeable property, and the positively and negatively chargeable particles, respectively, being of colors that are different from each other,

wherein at least one type of the positively and negatively chargeable particles contains nitrogen atoms in an amount of 0.03 mmol/g to 0.2 mmol/g.

8. An image display medium according to claim 7, wherein at least one type of the positively or negatively chargeable particles is black or of a chromatic color.

9. An image display medium according to claim 7, wherein at least one type of the positively or negatively chargeable particles is white.

10. An image display medium according to claim 9, wherein the

white particles each include titanium oxide as a colorant.

11. An image display medium according to claim 10, wherein the white particles including titanium oxide comprise two or more types of particles having respectively different particle diameters from each other.

12. An image display medium according to claim 11, wherein a diameter of at least one type of the white particles including titanium oxide is in the range of from 0.1  $\mu\text{m}$  to 1.0  $\mu\text{m}$ , and a diameter of the other type of the white particles is less than 0.1  $\mu\text{m}$ .

13. An image display medium according to claim 7, wherein the positively or negatively chargeable particles, respectively having colors that are different from each other, have respective particle diameters and distributions thereof that are substantially equal to each other.

14. An image forming apparatus for forming an image on the image display medium according to claim 7, comprising an electric field generating means generating a electric field corresponding to image information, between the pair of substrates.

15. An image display medium according to claim 14, wherein the electric field generating means is provided on a surface of each substrate, which surface faces the other substrate facing the other substrate.

16. An image display medium according to claim 14, wherein the electric field generating means is embedded in the interior of each substrate.

17. An image display medium according to claim 14, wherein the electric field generating means is arranged near a surface of each substrate, which surface is opposite from a surface which faces the other substrate.

18. An image forming apparatus comprising:

- an image forming medium on which an image is formed; and
- an electric field generating means,

- wherein the image forming medium includes: a pair of substrates facing each other; and a particle group composed of at least 2 or more types of particles sealed in a clearance between the pair of substrates, at least one type of the two or more types of particles having a positively chargeable property, at least another type of the two or more types of particles having a negatively chargeable property, the positively/negatively chargeable particles respectively being

of colors that are different from each other, at least one type of the positively/negatively chargeable particles containing nitrogen atoms in a predetermined content, and the nitrogen atoms taking a bond formation enabling reduction in aggregation between the nitrogen-containing particles and reduction in peeling of the nitrogen-containing particle from a substrate, and

wherein the electric field generating means generates an electric field corresponding to image information, between the pair of substrates, to thereby form an image on the image forming medium.